Design Validation Plan & Results (DVP&R)

Team:	**The Solar Sailors**
Project:	**Affordable Pyranometer Prototype**
Primary Author:	**All Sailors**
Date:	**10/20/20**

Type of Testing	Requirement	Test	Test Subject	Target	Result	Recommendation
Virtual Testing	Verify our circuit is arduino compatible	Tinker CAD simulation	CAD simulation	10/26/20		
	Derive the IV curve of our sensor(s)	Perform various output tests on the	Phototransistor and	11/20/20		
	Calculate irradiance relationship of the	Record produced voltages and	Phototransistor sensor	11/20/20		
Physical Testing	Prototype needs to output a signal between	Perform various output tests on the	Fully Functioning Prototype	02/08/21		
	Prototype needs to continue to perform	Test the environmental durability of	Functioning Prototype	04/07/21		